

September 1, 2010

**VIA ELECTRONIC FILING**

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Jocelyn Boyd, Chief Clerk / Administrator  
Public Service Commission of South Carolina  
Post Office Drawer 11649  
Columbia, South Carolina 29211

**Re: Duke Energy Carolinas, LLC's Application for Approval  
of Rider EE Vintage 2**

Dear Jocelyn:

On behalf of Duke Energy Carolinas, LLC we enclose for filing the Company's request for approval of Rider EE Vintage 2. The Commission approved revised Rider EE rates for Vintage 1 in Order No. 2010-79. Duke Energy Carolinas seeks approval of its Rider EE Vintage 2 which would start January 1, 2011, and end December 31, 2011. By copy of this letter we are providing the request to the Office of Regulatory Staff. Should you have any questions, please contact me.

Yours truly,

ROBINSON, MCFADDEN & MOORE, P.C.



Frank R. Ellerbe, III

FRE/bds  
Enclosure

cc/enc: Dan F. Arnett, ORS Chief of Staff (via email & U.S. Mail)  
Shannon B. Hudson, ORS Staff Attorney (via email)  
Timika Shafeek-Horton, Associate General Counsel (via email)

**BEFORE**  
**THE PUBLIC SERVICE COMMISSION OF**  
**SOUTH CAROLINA**

In re:	)	
	)	
Application of	)	
Duke Energy Carolinas, LLC	)	<b>DUKE ENERGY CAROLINAS,</b>
For Approval of Rider EE Vintage 2	)	<b>LLC’S APPLICATION</b>
	)	

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In accordance with the Public Service Commission of South Carolina’s (the “Commission”) Order No. 2010-79 in Docket No. 2009-226-E (“Order”) and the settlement agreement by and among Duke Energy Carolinas, LLC (“the Company”), the South Carolina Office of Regulatory Staff (“ORS”), South Carolina Energy Users Committee (“SCEUC”), and the Southern Environmental Law Center (“SELC”), the Company hereby requests that the Commission approve its application to update its Rider EE. The updated rider will reflect revised estimates of revenue requirements for the Company’s energy efficiency (“EE”) and demand side management (“DSM”) programs and is designed (a) to collect a level of revenue equal to 75% of the Company’s estimated avoided capacity costs applicable to DSM programs and 55% of the net present value (“NPV”) of the estimated avoided capacity and energy costs applicable to EE programs, and (b) to recover lost revenues for EE programs only. The proposed rider also includes a component to recover South Carolina’s retail share of costs associated with the Company’s Interruptible Service and Stand-By Generation programs (“Existing DSM Programs”).

In support of its application, the Company states as follows:

1. The Company's recovery mechanism employs a vintage year concept. A vintage year is the twelve month period in which a specific DSM or EE measure is installed for an individual participant or a group of participants.<sup>1</sup> Vintage 2 starts January 1, 2011 and ends December 31, 2011.
2. Per the Commission's Order, revenues to be collected under the proposed rider are based on achieving 85% of the avoided costs savings target for Vintage 2.
3. The cost to be recovered under the proposed Vintage 2 Rider is \$17,652,774 from residential customers and \$9,441,363 from non-residential customers. The various components comprising this amount are located in Exhibits 1-6 of this application.
4. Based on the total costs to be recovered under the proposed Vintage 2 Rider, the billing factors applicable to South Carolina's jurisdictional electric customers for the billing period January 1, 2011 through December 31, 2011 would be as follows:

<b>Billing Factors</b>	<b>¢/kWh</b>
Residential Rider EE	0.2697
Non-Residential Rider EE Vintage 1 participant	0.0011
Non-Residential Rider EE Vintage 2 EE participant	0.0401
Non-Residential Rider EE Vintage 2 DSM participant	0.0596

The billing factors reflect the Company's estimate of the impact of customers who will elect not to participate in Vintage 2.<sup>2</sup>

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<sup>1</sup> Vintage 1 is an exception in terms of length. Vintage 1 is an 11-month period beginning February 2010 and ending December 2010.

<sup>2</sup> Vintage 1 opt out impacts are used to estimate Vintage 2 participation because the enrollment period for Vintage 2 has not yet occurred.

5. In its settlement testimony in Docket No. 2009-226-E, the Company estimated the Vintage 2 Rider to be 0.2471 cents per kWh for residential customers and 0.0705 cents per kWh for non-residential customers. The increase in the proposed rider is due primarily to the Company's estimate of the impact of customers who will not participate in Vintage 2. Because the Company had no reasonable basis for estimating the number of customers who would choose to opt out, for purposes of its original estimate of the amount of the Vintage 2 Rider, the Company assumed all customers would choose to participate.
6. The proposed Vintage 2 Rider includes the updates and changes to the rider as listed below:
  - a. Update of avoided cost revenue requirements to reflect current information related to participation and information related to the kW and kWh savings for the EE and DSM programs that will be offered in Vintage 2.
  - b. Update of the lost revenues (for Vintage 2 and for the second year of lost revenues for Vintage 1) to reflect current SC retail rates and to reflect the primary rate schedules for which kWh savings are being achieved.
  - c. Update of the projected South Carolina retail kWh sales used in the rate per kWh computation to reflect the Summer 2010 sales forecast and estimated impacts of opt-out elections.
7. Billing factors separated to reflect customer participation in EE programs, DSM programs, or both EE and DSM programs for Vintage 2. The Company proposes use of the tariff sheet in Exhibit 7.

Based on the foregoing, the Company respectfully requests that the Commission grant its application seeking approval of its Vintage 2 Rider EE as described herein and in the attached exhibits. Additionally, the Company requests that in accordance with S.C. Code Ann. §58-27-870(F), the Commission allow the proposed rate to be put into effect without notice and hearing. The proposed rate does not require a determination of the entire rate structure and overall rate of return, and will facilitate an orderly rate administration.

Dated this 1st day of September 2010.

Robinson McFadden & Moore, PC



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Attorneys for Duke Energy Carolinas, LLC

**Duke Energy Carolinas**  
Rider EE Vintage 2  
Calculation of EE Rider Amounts (cents per kWh)

*Residential billing factor = (Save-A-Watt Residential Rev. Req. + Existing DSM Program Residential Rev Req.)/Projected SC Residential retail kWh sales, where:*

		Vintage 2 Total SC Retail Costs
1 EE Avoided Cost Component	Exhibit 2, Line 11 * 85%	\$ 7,566,592
2 DSM Avoided Cost Component	Exhibit 2, Line 19* 85%	\$ 2,973,775
3 Residential Avoided Cost Revenue Requirement	Line 1 + Line 2	\$ 10,540,368
4 Gross Receipts Tax and Regulatory Fee Factor		1.004581
5 Adjusted Residential Avoided Cost Revenue Requirement	Line 3 * Line 4	\$ 10,588,653
6 Total Lost Revenues	Exhibit 2, Line 12 * 85%	\$ 6,246,923
7 Residential Save-A-Watt Revenue Requirement	Line 5 + Line 6	\$ 16,835,576
8 Residential Existing DSM Program Revenue Requirement	Exhibit 3, Line 3	\$ 813,472
9 Gross Receipts Tax and Regulatory Fee Factor		1.004581
10 Adjusted Residential Existing DSM Revenue Requirement	Line 8 * Line 9	\$ 817,198
11 Total Residential SAW & Existing DSM Program Revenue Requirement	Line 7 + Line 10	\$ 17,652,774
12 Projected SC Residential Sales (kWh) for rate period	Exhibit 2, Line 1	6,546,452,004
13 <b>Residential Rider EE (cents per kWh)</b>	(Line 11 / Line 12) *100	0.2697

*Non-Residential billing factor = (Save-A-Watt Non-residential Reev Req. + Existing DSM Program Non-Res Rev. Req)/Projected SC Non-Residential retail kWh sales, where:*

		Vintage 2 Total SC Retail Costs	Vintage 1 EE Participant Non- Residential Rider EE (cents per kWh)	Vintage 2 EE Participant Non- Residential Rider EE (cents per kWh)	Vintage 2 DSM Participant Non- Residential Rider EE (cents per kWh)
1 EE Avoided Cost Component	Exhibit 2, Line 13 * 85%	\$ 3,740,837		\$ 3,740,837	
2 DSM Avoided Cost Component	Exhibit 2, Line 20 * 85%	\$ 4,222,591			\$ 4,222,591
3 Non-Residential Avoided Cost Revenue Requirement	Line 1 + Line 2	\$ 7,963,428			
4 Gross Receipts Tax and Regulatory Fee Factor		1.004581		1.00458	1.00458
5 Adjusted Non-Residential Avoided Cost Revenue Requirement	Line 3 * Line 4	\$ 7,999,909			
6 Lost Revenues Vintage 1	Exhibit 2, Line 14, V1 * 85%	\$ 104,749	\$ 104,749		
7 Lost Revenues Vintage 2	Exhibit 2, Line 14, V2 *85%	\$ 176,331		\$ 176,331	
8 Total Lost Revenues	Line 6 + Line 7	\$ 281,080			
9 Non-Residential Save-A-Watt Revenue Requirement	Line 5 + Line 8	\$ 8,280,989			
10 Non-Residential Existing DSM Program Revenue Requirement	Exhibit 3, Line 3	\$ 1,155,083			\$ 1,155,083
11 Gross Receipts Tax and Regulatory Fee Factor		1.004581			
12 Adjusted Non-Residential Existing DSM Revenue Requirement	Line 10 * Line 11	\$ 1,160,375			
13 Total Non-Residential SAW & Existing DSM Program Revenue Requirement	Line 9 + Line 12	\$ 9,441,363			
10 Projected Vintage 1 EE Participants SC Non-Residential Sales (kWh) for rate period	Exhibit 2, Line 2 less Opt Out		9,800,193,917		
11 Projected Vintage 2 EE Participants SC Non-Residential Sales (kWh) for rate period	Exhibit 2, Line 2 less Opt Out			9,800,193,917	
12 Projected Vintage 2 DSM Participants SC Non-Residential Sales (kWh) for rate period	Exhibit 2, Line 2 less Opt Out				9,056,959,677
13 <b>Vintage 1 EE participant Non-Residential Rider EE (cents per kWh)</b>	(Line 6/ Line 10) *100		0.0011		
14 <b>Vintage 2 EE participant Non-Residential Rider EE (cents per kWh)</b>	((Line 1 * Line 4)+ Line 7/ Line 11) *100			0.0401	
15 <b>Vintage 2 DSM participant Non-Residential Rider EE (cents per kWh)</b>	((Line 2 + Line 10) * Line 4)) / Line 12) *100				0.0596

**Duke Energy Carolinas**  
Rider EE Vintage 2

**Save-A-Watt Revenue Requirement Support Data**

SC Only kWh (excluding Greenwood)			Opt Out Source: Exhibit 6 (See footnote on Exhibit)		
1 Residential	Exhibit 4	2011	Opt Out Sales - EE	Opt Out Sales - DSM	Opt Out Sales - Both
2 Non-Residential	Exhibit 4	6,546,452,004	N/A	N/A	N/A
		14,030,364,470	547,396,565	1,290,630,805	3,682,773,988
		20,576,816,474			
Allocation 1 to state based on kWh sales					
3 SC Retail	Exhibit 4	26.9337804%			
Allocation 2 to state based on peak demand					
4 SC Retail	Exhibit 4	26.1085193%			
Allocation 3 SC res vs. non-res peak demand					
5 SC Residential	Exhibit 4	41.3232886%			
6 Non-Residential	Exhibit 4	58.6767114%			
System Revenue Requirement for Energy Efficiency Programs		2011	Vintage 1	Vintage 2	
7 Residential Avoided Costs - EE	Exhibit 5	\$ 33,050,961			
8 Residential Lost Revenues - EE	Exhibit 5	\$ 27,286,630			
9 Non-Residential Avoided Costs - EE	Exhibit 5	\$ 16,340,018			
10 Non-Residential Lost Revenues - EE	Exhibit 5	\$ 1,227,760	\$ 457,543	\$ 770,217	
Total EE		\$ 77,905,369			
Allocation of Total EE to SC Retail		Sum (Line 7:Line 10) * Line 3			
		\$ 20,982,861			
Allocation to SC Retail Broken Down by Class and Type		2011	Vintage 1	Vintage 2	
11 Residential Avoided Costs - EE	Line 7 * Line 3	\$ 8,901,873			
12 Residential Lost Revenues - EE	Line 8 * Line 3	\$ 7,349,321			
13 Non-Residential Avoided Costs - EE	Line 9 * Line 3	\$ 4,400,985			
14 Non-Residential Lost Revenues - EE	Line 10 * Line 3	\$ 330,682	\$ 123,234	\$ 207,449	
Total	Sum Lines 11 - 14	\$ 20,982,861			
System Revenue Requirements for DSM Programs		2011			
15 Residential Avoided Costs - DSM	Exhibit 5	\$ 15,489,803			
16 Non-Residential Avoided Costs - DSM	Exhibit 5	\$ 16,937,597			
17 Total DSM	Line 15 + Line 16	\$ 32,427,400			
Allocation of Total DSM to SC Retail					
18 Total DSM	Line 17 * Line 4	\$ 8,466,314			
Allocation to Residential vs. Non Residential					
19 Residential Avoided Cost - DSM	Line 18 * Line 5	\$ 3,498,559			
20 Non - Residential Avoided Cost - DSM	Line 18 * Line 6	\$ 4,967,755			
	Line 19 + Line 20	\$ 8,466,314			

**Duke Energy Carolinas**  
Rider EE Vintage 2

**Existing DSM Revenue Requirement Support Data**

Type	Period	Total	NC Credits - 2009	Wholesale credits - 2009	Total
IS	1	\$ 446,222	\$ 269,160.50	\$ 48,705.83	
IS	2	\$ 674,285	\$ 451,583.97	\$ 57,165.36	
IS	3	\$ 643,181	\$ 388,766.00	\$ 57,396.85	
IS	4	\$ 612,756	\$ 385,308.00	\$ 60,136.83	
IS	5	\$ 617,152	\$ 384,020.00	\$ 60,858.70	
IS	6	\$ 662,683	\$ 413,871.50	\$ 62,742.19	
IS	7	\$ 696,010	\$ 435,074.50	\$ 63,665.32	
IS	8	\$ 689,773	\$ 442,757.00	\$ 63,203.21	
IS	9	\$ 745,343	\$ 505,851.50	\$ 69,774.64	
IS	10	\$ 893,046	\$ 450,723.00	\$ 65,152.89	
IS	11	\$ 732,365	\$ 530,537.00	\$ 61,304.15	
IS	12	\$ 564,942	\$ 406,658.00	\$ 60,271.26	
		\$ 7,977,756	\$ 5,064,311	\$ 730,377	\$ 5,794,688
SG	1	\$ 226,095	\$ 182,092.56		
SG	2	\$ 220,086	\$ 176,295.62		
SG	3	\$ 224,275	\$ 173,837.42		
SG	4	\$ 214,955	\$ 172,302.88		
SG	5	\$ 219,775	\$ 176,817.06		
SG	6	\$ 230,984	\$ 187,343.81		
SG	7	\$ 405,838	\$ 361,035.44		
SG	8	\$ 214,217	\$ 166,012.05		
SG	9	\$ 236,167	\$ 194,379.29		
SG	10	\$ 70,733	\$ 28,332.66		
SG	11	\$ 214,004	\$ 179,133.41		
SG	12	\$ 192,873	\$ 154,988.88		
		\$ 2,670,003	\$ 2,152,571	NA	\$ 2,152,571

Source: Amounts from customer billing records for 2009. \$ 7,947,259

Estimated total IS/SG credits to be paid for native load programs

SC retail allocation factor - system peak demand

SC retail share IS/SG program costs

1

2

3

Year 2011		
\$ 7,947,259		
	Residential	
See Allocation Factors	24.7702326%	10.235875%
		Non-residential
		14.534358%
Line 1 * Line 2	\$ 813,472	\$ 1,155,083

Duke Energy Carolinas  
Rider EE Vintage 2

**Allocation Factors**

KWH SALES ALLOCATOR: Source 2009 COS Study

	Percent of System	Percent of Retail
NC Retail Sales Allocation	69.118573%	73.066220%
SC Retail Sales Allocation*	25.478593%	26.933780%
Total Retail	94.597166%	100.000000%

PEAK DEMAND ALLOCATOR: Source 2009 COS Study

	Percent of System	Percent of Retail	Percent of State
NC Peak Demand Allocation	70.103905%		
SC Peak Demand Allocation			
Residential	10.235875%		41.3232886%
Non-residential	14.534358%		58.6767114%
Greenwood	0.931536%		
Whsle Peak Demand Allocation	0.503271%		
System Peak Demand*	96.3089447%		100.0000000%
NC Peak Demand Allocation	70.1039052%	73.8914807%	
SC Retail Peak Demand Allocation*	24.7702326%	26.1085193%	
Total Retail	94.8741378%	100.0000000%	

\* Excluding Greenwood

FACTOR TO EXCLUDE GREENWOOD SALES FROM FORECAST:

	2009 actual	Percent to Total
SC Residential sales	6,445,689	99.26%
Greenwood residential sales	47,635	
SC residential*	6,398,054	
SC Non-residential sales	13,460,736	99.92%
Greenwood non-residential sales	11,399	
SC non-residential*	13,449,337	
Total SC sales	19,906,425	
Greenwood sales	59,034	
Total SC Sales*	19,847,391	

ADJUSTMENT OF 2011 FORECAST TO EXCLUDE GREENWOOD SALES:

		2011	Factor to excl. GW	Adjusted Forecast
SC Only kWh				
Residential	Summer 2010 Forecast	6,595,191,863	99.26%	6,546,452,004
Non-Residential	Summer 2010 Forecast	14,042,255,916	99.92%	14,030,364,470
Total		20,637,447,779		20,576,816,474

Duke Energy Carolinas Rider EE Vintage 2 Load Impact, Costs and Net Lost Revenues by Program											
		A	B	C	D	E					
		System kW - Summer Peak	Energy Reduction	System Program Costs	System Avoided Costs	System Lost Revenues	SC Allocation Factor Allocation based on kWh sales Exhibit 4	SC Allocation Factor	SC Residential Program Costs	SC Residential Avoided Costs	SC Residential Lost Revenues
Residential Programs					55%	Net of Variable O&M		Exhibit 4			
1 Residential Energy Assessments	1,050	7,923,209	\$ 2,132,517	\$ 1,292,926	\$ 1,901,537	0.269337804		A1 * D1	\$ 574,367 B1 * D1	\$ 348,234 C1 * D1	\$ 512,156
2 Smart Saver® for Residential Customers	27,445	267,636,902	\$ 18,354,910	\$ 31,338,247	\$ 20,204,843	0.269337804		A2 * D2	\$ 4,943,671 B2 * D2	\$ 8,440,575 C2 * D2	\$ 5,441,928
3 Low Income Energy Efficiency and Weatherization Assistance	-	-	\$ -	\$ -	\$ 2,054,730	0.269337804		A3 * D3	\$ - B3 * D3	\$ - C3 * D3	\$ 553,417
4 Energy Efficiency Education Program for Schools	589	3,176,980	\$ 1,599,685	\$ 419,788	\$ 3,125,518	0.269337804		A4 * D4	\$ 430,856 B4 * D4	\$ 113,065 C4 * D4	\$ 841,820
Total for Residential Conservation Programs			\$ 22,087,112	\$ 33,050,961	\$ 27,286,630				\$ 5,948,894	\$ 8,901,873	\$ 7,349,321
					75%		Allocation based on Peak Demand	Allocation Residential vs. Non-Residential Peak Demand			
5 Power Manager	274,054		\$ 15,382,355	\$ 15,489,803		0.261085193		(A5 +A12) *D5 *E5	\$ 3,475,889 (B5 +B12) *D5 *E5	\$ 3,498,559	
Total Residential			\$ 37,469,467	\$ 48,540,764					\$ 9,424,784	\$ 12,400,433	
		System kW - Summer Peak	Energy Reduction	System Program Costs	System Avoided Costs	System Lost Revenues	SC Allocation Factor Allocation based on kWh sales Exhibit 4	Exhibit 4	SC Non-Residential Program Costs	SC Non-Residential Avoided Costs	SC Non-Residential Lost Revenues
Non-Residential Programs					55%	Net of Variable O&M					
6 Smart Saver® for Non-Residential Customers Lighting	10,451	50,320,381	\$ 5,372,379	\$ 10,068,349	\$ 745,018	0.269337804		A6 * D6	\$ 1,446,985 B6 * D6	\$ 2,711,787 C6 * D6	\$ 200,661
7 Smart Saver® for Non-Residential Customers Motors	452	2,387,677	\$ 172,189	\$ 580,126	\$ 31,615	0.269337804		A7 * D7	\$ 46,377 B7 * D7	\$ 156,250 C7 * D7	\$ 8,515
8 Smart Saver® for Non-Residential Customers - Other Prescriptive	3	14,495	\$ 515	\$ 1,800	\$ 35,986	0.269337804		A8 * D8	\$ 139 B8 * D8	\$ 485 C8 * D8	\$ 9,692
9 Smart Saver® for Non-Residential Customers - Energy Star Food Service Products	151	985,674	\$ 113,838	\$ 239,361	\$ 15,684	0.269337804		A9 * D9	\$ 30,661 B9 * D9	\$ 64,469 C9 * D9	\$ 4,224
10 Smart Saver® for Non-Residential Customers - HVAC	1,387	3,364,555	\$ 751,649	\$ 1,090,038	\$ 98,631	0.269337804		A10 * D10	\$ 202,447 B10 * D10	\$ 293,588 C10 * D10	\$ 26,565
11 Smart Saver® for Non-Residential Customers - Custom Rebate	2,666	16,729,121	\$ 2,026,422	\$ 4,360,345	\$ 300,827	0.269337804		A11 * D11	\$ 545,792 B11 * D11	\$ 1,174,406 C11 * D11	\$ 81,024
Total for Non-Residential Conservation Programs			\$ 8,436,992	\$ 16,340,018	\$ 1,227,760				\$ 2,272,401	\$ 4,400,985	\$ 330,682
					75%		Allocation based on Peak Demand	Allocation Residential vs. Non-Residential Peak Demand			
12 Power Share	299,669		\$ 16,834,921	\$ 16,937,597		0.261085193		(A5 +A12) *D12 *E12	\$ 4,935,564 (B5 +B12) *D12 *E12	\$ 4,967,755	
Total Non-Residential			\$ 25,271,913	\$ 33,277,615					\$ 7,207,965	\$ 9,368,739	

Duke Energy Carolinas  
Rider EE Vintage 2  
South Carolina Weighted Average Cost of Capital  
**South Carolina Opt Out Vintage 1\***

EE Opt Out Description	Customer	EE Opt Out Date	Premise City	Premise State	Rate Schedule
SC EE Opt Out (Conservation and Demand Side)	BOWATER INC	2/25/10	CATAWBA	SC	HPX
SC EE Opt Out (Conservation and Demand Side)	BOWATER INC	2/25/10	CATAWBA	SC	HPX
SC EE Opt Out (Conservation and Demand Side)	DURACELL	4/1/10	LANCASTER	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	INCHEM CORPORATION	3/26/10	ROCK HILL	SC	OPT
SC Opted Out (Conservation)	PHARR YARNS INC	3/25/10	CLOVER	SC	OPT
SC Opted Out (Demand Side)	GUARDIAN INDUSTRIES CORP	3/12/10	RICHBURG	SC	OPT
SC Opted Out (Demand Side)	PBI PERFORMANCE PRODUCTS INC	3/26/10	ROCK HILL	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	FIBERWEB SIMPSONVILLE, INC	3/26/10	SIMPSONVILLE	SC	I
SC EE Opt Out (Conservation and Demand Side)	FIBERWEB SIMPSONVILLE, INC	3/26/10	SIMPSONVILLE	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	FIBERWEB SIMPSONVILLE, INC	3/26/10	SIMPSONVILLE	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	FIBERWEB SIMPSONVILLE, INC	3/26/10	SIMPSONVILLE	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	FIBERWEB SIMPSONVILLE, INC	3/26/10	SIMPSONVILLE	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	FIBERWEB SIMPSONVILLE, INC	3/26/10	SIMPSONVILLE	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	INTERNATIONAL PAPER	3/26/10	LAURENS	SC	I
SC EE Opt Out (Conservation and Demand Side)	INTERNATIONAL PAPER	3/26/10	SILVERSTREET	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	INTERNATIONAL PAPER	3/26/10	SILVERSTREET	SC	I
SC EE Opt Out (Conservation and Demand Side)	INTERNATIONAL PAPER	3/26/10	SILVERSTREET	SC	I
SC EE Opt Out (Conservation and Demand Side)	INTERNATIONAL PAPER	3/26/10	LAURENS	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	MINNESOTA MINING & MFG CO	3/22/10	GREENVILLE	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	ROCHUNG AUTO	3/18/10	DUNCAN	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	STANDARD MOTOR PRODUCTS	3/18/10	GREENVILLE	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	WATTS REGULATOR	3/25/10	CHESNEE	SC	OPT
SC Opted Out (Demand Side)	BH POLYMER	3/26/10	DUNCAN	SC	OPT
SC Opted Out (Demand Side)	MACK MOLDING CO INC	3/24/10	INMAN	SC	OPT
SC Opted Out (Demand Side)	WILLIAM BARNETT SONS	3/26/10	SPARTANBURG	SC	I
SC Opted Out (Demand Side)	WILLIAM BARNETT SONS	3/26/10	SPARTANBURG	SC	I
SC Opted Out (Demand Side)	WILLIAM BARNETT SONS	3/26/10	SPARTANBURG	SC	I
SC EE Opt Out (Conservation and Demand Side)	DISPOZ-O PLASTICS INC	3/23/10	FOUNTAIN INN	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	DISPOZ-O PLASTICS INC	3/23/10	FOUNTAIN INN	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	EUROKERA NORTH AMERICA	3/5/10	FOUNTAIN INN	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	GOGLANIAN BAKERIES, INC	3/29/10	FOUNTAIN INN	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	GOGLANIAN BAKERIES, INC	3/29/10	FOUNTAIN INN	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	INTERNATIONAL AUTO COMPONENTS GROUP NORTH AMERICA, INC	3/5/10	GREENVILLE	SC	I
SC EE Opt Out (Conservation and Demand Side)	KEMET ELECTRONICS	3/12/10	SIMPSONVILLE	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	THE CF SAUER CO	3/26/10	MAULDIN	SC	I
SC EE Opt Out (Conservation and Demand Side)	THE CF SAUER CO	3/26/10	MAULDIN	SC	OPT
SC Opted Out (Demand Side)		3/29/10	FORT MILL	SC	I
SC Opted Out (Demand Side)	3G MERMET CORP	3/26/10	COWPENS	SC	I
SC Opted Out (Demand Side)	3G MERMET CORP	3/26/10	COWPENS	SC	OPT
SC Opted Out (Demand Side)	SAUER-DANFOSS, INC	3/12/10	EASLEY	SC	OPT
SC Opted Out (Demand Side)	SAUER-DANFOSS, INC	3/12/10	EASLEY	SC	I
SC EE Opt Out (Conservation and Demand Side)	BORG WARNER AUTOMOTIVE	3/26/10	SENECA	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	CENTRAL TEXTILES	3/10/10	CENTRAL	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	EASLEY CUSTOM PLASTICS, INC	4/1/10	EASLEY	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	JPS COMPOSITE MATERIALS CORP	3/12/10	ANDERSON	SC	HPX
SC EE Opt Out (Conservation and Demand Side)	KENAMETAL INC INDUSTRIAL PROD GRP	3/22/10	SENECA	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	MOUNT VERNON MILLS INC	2/19/10	WILLIAMSTON	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	MOUNT VERNON MILLS INC	2/19/10	WARE SHOALS	SC	I
SC EE Opt Out (Conservation and Demand Side)	MOUNT VERNON MILLS INC	2/19/10	WARE SHOALS	SC	I
SC EE Opt Out (Conservation and Demand Side)	MOUNT VERNON MILLS INC	2/19/10	HODGES	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	MOUNT VERNON MILLS INC	2/19/10	WILLIAMSTON	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	MOUNT VERNON MILLS INC	2/19/10	SPARTANBURG	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	MOUNT VERNON MILLS INC	2/19/10	PENDELTON	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	PACESETTER INC	2/25/10	LIBERTY	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	PACESETTER INC	2/25/10	LIBERTY	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	PACESETTER INC	2/25/10	LIBERTY	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	PACESETTER INC	2/25/10	LIBERTY	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	PACESETTER INC	2/25/10	LIBERTY	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	REXAM DELAWARE CORPORATION	2/22/10	ANDERSON	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	REXAM DELAWARE CORPORATION	2/22/10	ANDERSON	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	REXAM HEALTHCARE PACKAGING INC	2/9/10	GREENVILLE	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	REXROTH CORP	3/15/10	FOUNTAIN INN	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	REXROTH CORP	3/15/10	FOUNTAIN INN	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	ROBERT BOSCH CORP	2/19/10	ANDERSON	SC	OPT
SC Opted Out (Conservation)	CENTRAL TEXTILES	3/10/10	CENTRAL	SC	OPT
SC Opted Out (Conservation)	EASLEY CUSTOM PLASTICS, INC	4/1/10	EASLEY	SC	OPT
SC Opted Out (Conservation)	JPS CONVERTER & INDUSTRIAL	2/26/10	SLATER	SC	OPT
SC Opted Out (Conservation)	MOUNT VERNON MILLS INC	3/30/10	PENDELTON	SC	OPT
SC Opted Out (Conservation)	U S ENGINE VALVE CORP	3/26/10	WESTMINSTER	SC	OPT
SC Opted Out (Demand Side)	BELTON INDUSTRIES	3/31/10	HONEA PATH	SC	OPT
SC Opted Out (Demand Side)	BELTON INDUSTRIES	3/31/10	BELTON	SC	OPT
SC Opted Out (Demand Side)	CAROLINA COMM HEAT TRT	3/24/10	FOUNTAIN INN	SC	OPT
SC Opted Out (Demand Side)	CAROLINA COMM HEAT TRT	3/24/10	FOUNTAIN INN	SC	OPT
SC Opted Out (Demand Side)	CAROLINA COMM HEAT TRT	3/24/10	FOUNTAIN INN	SC	OPT
SC Opted Out (Demand Side)	CAROLINA COMM HEAT TRT	3/24/10	FOUNTAIN INN	SC	OPT
SC Opted Out (Demand Side)	CLARION TECHNOLOGIES	3/25/10	ANDERSON	SC	OPT
SC Opted Out (Demand Side)	ELECTROLUX HOME PRODUCTS	2/19/10	ANDERSON	SC	OPT
SC Opted Out (Demand Side)	ITRON ELECTRICITY METERING	2/17/10	WEST UNION	SC	OPT
SC Opted Out (Demand Side)	ONE WORLD TECHNOLOGIES	3/26/10	ANDERSON	SC	OPT
SC Opted Out (Demand Side)	ONE WORLD TECHNOLOGIES	3/26/10	PICKENS	SC	OPT
SC Opted Out (Demand Side)	RELANCE ELECTRIC COMPANY	3/25/10	GREENVILLE	SC	OPT
SC Opted Out (Demand Side)	CULP INC	3/19/10	ANDERSON	SC	OPT
SC EE Opt Out (Conservation and Demand Side)		3/9/10	GREENVILLE	SC	I
SC EE Opt Out (Conservation and Demand Side)	ASCEND PERFORMANCE MATERIALS LLC	2/5/10	GREENWOOD	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	CAPSUGEL WARNER LAMBERT	2/26/10	GREENWOOD	SC	I
SC EE Opt Out (Conservation and Demand Side)	CAPSUGEL WARNER LAMBERT	2/26/10	GREENWOOD	SC	HPX
SC EE Opt Out (Conservation and Demand Side)	CAPSUGEL WARNER LAMBERT	2/26/10	GREENWOOD	SC	I
SC EE Opt Out (Conservation and Demand Side)	CERAMTEC NORTH AMERICA INNOV	3/26/10	LAURENS	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	EATON HYDRAULICS	3/16/10	GREENWOOD	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	EATON HYDRAULICS	3/16/10	GREENWOOD	SC	I
SC EE Opt Out (Conservation and Demand Side)	FLEXIBLE TECHNOLOGIES	3/26/10	ABBEVILLE	SC	I
SC EE Opt Out (Conservation and Demand Side)	FLEXIBLE TECHNOLOGIES	3/26/10	ABBEVILLE	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	FLEXIBLE TECHNOLOGIES	3/26/10	ABBEVILLE	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	FUJI PHOTO FILM	2/19/10	GREENWOOD	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	FUJI PHOTO FILM	2/19/10	GREENWOOD	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	GREENWOOD MILLS	2/17/10	GREENWOOD	SC	I
SC EE Opt Out (Conservation and Demand Side)	GREENWOOD PACKING PLT	2/23/10	GREENWOOD	SC	IPR
SC EE Opt Out (Conservation and Demand Side)	GREENWOOD PACKING PLT	2/12/10	GREENWOOD	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	GREENWOOD PACKING PLT	2/12/10	GREENWOOD	SC	I
SC EE Opt Out (Conservation and Demand Side)	KAISER ALUMINUM & CHEM	3/9/10	GREENWOOD	SC	I
SC EE Opt Out (Conservation and Demand Side)	MOHAWK INDUSTRIES	3/26/10	CALHOUN FALLS	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	NORBORD SOUTH CAROLINA INC	3/24/10	KINARDS	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	ORIAN RUGS INC	2/12/10	ANDERSON	SC	I
SC EE Opt Out (Conservation and Demand Side)	ORIAN RUGS INC	2/12/10	ANDERSON	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	PIONEER FROZEN FOODS SC INC	3/26/10	PROSPERITY	SC	OPT

Duke Energy Carolinas  
Rider EE Vintage 2  
South Carolina Weighted Average Cost of Capital  
**South Carolina Opt Out Vintage 1\***

EE Opt Out Description	Customer	EE Opt Out Date	Premise City	Premise State	Rate Schedule
SC EE Opt Out (Conservation and Demand Side)	PIRELLI CABLE CO	4/1/10	ABBEVILLE	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	PIRELLI CABLE CO	4/1/10	ABBEVILLE	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	PLASTIC OMNIUM INDUSTRIES	3/15/10	ANDERSON	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	PLASTIC OMNIUM INDUSTRIES	3/15/10	DUNCAN	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	STERILITE CORP OF SC	3/9/10	CLINTON	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	TYCO HEALTHCARE GROUP LP	3/25/10	SENECA	SC	HPX
SC EE Opt Out (Conservation and Demand Side)	TYCO HEALTHCARE GROUP LP	2/22/10	GREENWOOD	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	TYCO HEALTHCARE GROUP LP	2/22/10	GREENWOOD	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	WALBAR INC	3/9/10	HODGES	SC	OPT
SC Opted Out (Conservation)	GREENWOOD MILLS	2/17/10	GREENWOOD	SC	OPT
SC Opted Out (Conservation)	PIRELLI CABLE CO	4/1/10	ABBEVILLE	SC	OPT
SC Opted Out (Conservation)	TYCO HEALTHCARE GROUP LP	2/17/10	SENECA	SC	OPT
SC Opted Out (Demand Side)	EATON HYDRAULICS	3/16/10	GREENWOOD	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	COLUMBIA POULTRY FARM	3/17/10	GREENVILLE	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	COLUMBIA POULTRY FARM	3/17/10	GREENVILLE	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	COLUMBIA POULTRY FARM	3/17/10	GREENVILLE	SC	OPT
SC Opted Out (Demand Side)	ARCHER-DANIELS MIDLAND CO	3/17/10	KERSHAW	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	COMPX SECURITY PRODUCTS	3/16/10	GREENVILLE	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	COOPER STANDARD AUTOMOTIVE INC	3/26/10	SPARTANBURG	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	INTERNATIONAL TEXTILE GROUP	3/17/10	GREENVILLE	SC	OPT
SC Opted Out (Demand Side)	GLEN RAVEN MILLS	3/18/10	ANDERSON	SC	OPT
SC Opted Out (Demand Side)	PPG INDUSTRIES	3/26/10	CHESTER	SC	OPT
SC Opted Out (Demand Side)	TYCO ELECTRONICS	3/26/10	FORT MILL	SC	OPT
SC Opted Out (Demand Side)	TYCO ELECTRONICS	3/26/10	ROCK HILL	SC	OPT
SC Opted Out (Demand Side)	TYCO ELECTRONICS	3/26/10	ROCK HILL	SC	HPX
SC EE Opt Out (Conservation and Demand Side)	MICHELIN	3/31/10	DUNCAN	SC	I
SC EE Opt Out (Conservation and Demand Side)	MICHELIN	3/31/10	ANDERSON	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	MICHELIN	3/31/10	SPARTANBURG	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	MICHELIN	3/31/10	GREENVILLE	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	MILLIKEN & COMPANY	4/1/10	LAURENS	SC	HPX
SC EE Opt Out (Conservation and Demand Side)	MILLIKEN & COMPANY	4/1/10	PENDELTON	SC	MP
SC EE Opt Out (Conservation and Demand Side)	MILLIKEN & COMPANY	4/1/10	INMAN	SC	MP
SC EE Opt Out (Conservation and Demand Side)	MILLIKEN & COMPANY	4/1/10	BLACKSBURG	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	MILLIKEN & COMPANY	4/1/10	SIMPSONVILLE	SC	MP
SC EE Opt Out (Conservation and Demand Side)	MILLIKEN & COMPANY	4/1/10	MARIETTA	SC	MP
SC Opted Out (Conservation)	MILLIKEN & COMPANY	4/1/10	LAURENS	SC	MP
SC Opted Out (Conservation)	MILLIKEN & COMPANY	4/1/10	WHITE STONE	SC	MP
SC Opted Out (Conservation)	MILLIKEN & COMPANY	4/1/10	PENDELTON	SC	MP
SC Opted Out (Conservation)	MILLIKEN & COMPANY	4/1/10	GREENVILLE	SC	MP
SC Opted Out (Conservation)	MILLIKEN & COMPANY	4/1/10	UNION	SC	MP
SC Opted Out (Conservation)	MILLIKEN & COMPANY	4/1/10	WILLIAMSTON	SC	OPT
SC Opted Out (Demand Side)	BMW	3/29/10	GREER	SC	OPT
SC Opted Out (Demand Side)	BMW	3/29/10	GREER	SC	OPT
SC Opted Out (Demand Side)	GENERAL ELECTRIC	3/26/10	GREENVILLE	SC	HPX
SC Opted Out (Demand Side)	GENERAL ELECTRIC	3/26/10	PIEDMONT	SC	OPT
SC Opted Out (Demand Side)	GENERAL ELECTRIC	3/26/10	PIEDMONT	SC	OPT
SC Opted Out (Demand Side)	MICHELIN	3/31/10	ANDERSON	SC	OPT
SC Opted Out (Demand Side)	MICHELIN	3/31/10	SPARTANBURG	SC	OPT
SC Opted Out (Demand Side)	MICHELIN	3/31/10	GREENVILLE	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	ALCOA BUILDING PRODUCTS	3/26/10	GAFFNEY	SC	I
SC EE Opt Out (Conservation and Demand Side)	BASF CORPORATION	3/23/10	DUNCAN	SC	I
SC EE Opt Out (Conservation and Demand Side)	BASF CORPORATION	3/9/10	SENECA	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	BASF CORPORATION	3/26/10	SPARTANBURG	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	BASF CORPORATION	3/26/10	SPARTANBURG	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	BASF CORPORATION	3/26/10	SPARTANBURG	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	BASF CORPORATION	3/26/10	SPARTANBURG	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	BASF CORPORATION	3/26/10	ANDERSON	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	BASF CORPORATION	3/26/10	SPARTANBURG	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	BAUSCH & LOMB	3/25/10	GREENVILLE	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	BIC CORPORATION	4/1/10	FOUNTAIN INN	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	CARAUSTAR	3/17/10	TAYLORS	SC	HPX
SC EE Opt Out (Conservation and Demand Side)	CARAUSTAR	3/17/10	TAYLORS	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	CELANESE LTD	4/6/10	ENOREE	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	CELANESE LTD	4/6/10	ENOREE	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	CELANESE LTD	4/6/10	ENOREE	SC	I
SC EE Opt Out (Conservation and Demand Side)	CELANESE LTD	4/6/10	ENOREE	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	CELANESE LTD	4/6/10	ENOREE	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	CHEVRON PHILLIPS CHEMICAL CO, LP	3/24/10	SPARTANBURG	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	HENKEL CORPORATION	3/31/10	ENOREE	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	HENKEL CORPORATION	3/31/10	ENOREE	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	IWG HIGH PERFORMANCE CONDUCTORS INC	3/12/10	INMAN	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	IWG HIGH PERFORMANCE CONDUCTORS INC	3/12/10	INMAN	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	LAND-O-SUN DAIRIES	3/26/10	SPARTANBURG	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	LAND-O-SUN DAIRIES	3/26/10	SPARTANBURG	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	LEIGH FIBERS INC	3/25/10	WELLFORD	SC	I
SC EE Opt Out (Conservation and Demand Side)	LEIGH FIBERS INC	3/25/10	WELLFORD	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	RR DONNELLEY & SONS COMPANY	3/16/10	SPARTANBURG	SC	HPX
SC EE Opt Out (Conservation and Demand Side)	SEW EURODRIVE INC	3/31/10	LYMAN	SC	I
SC EE Opt Out (Conservation and Demand Side)	SPARTANBURG AUTOMOTIVE	4/7/10	SPARTANBURG	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	SPARTANBURG AUTOMOTIVE	4/7/10	SPARTANBURG	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	SPARTANBURG AUTOMOTIVE	4/7/10	SPARTANBURG	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	TIETEX CORPORATION	3/26/10	SPARTANBURG	SC	I
SC EE Opt Out (Conservation and Demand Side)	TIETEX CORPORATION	3/26/10	SPARTANBURG	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	TIETEX CORPORATION	3/26/10	SPARTANBURG	SC	OPT
SC Opted Out (Conservation)	AIR LIQUIDE AMERICA CORP	3/23/10	SPARTANBURG	SC	OPT
SC Opted Out (Conservation)	HAMRICK MILLS	3/16/10	GAFFNEY	SC	OPT
SC Opted Out (Conservation)	HAMRICK MILLS	3/16/10	GAFFNEY	SC	OPT
SC Opted Out (Conservation)	HAMRICK MILLS	3/16/10	GAFFNEY	SC	OPT
SC Opted Out (Demand Side)	BAUSCH & LOMB	3/25/10	GREENVILLE	SC	OPT
SC Opted Out (Demand Side)	BIC CORPORATION	4/1/10	GAFFNEY	SC	OPT
SC Opted Out (Demand Side)	CELANESE LTD	4/6/10	ENOREE	SC	OPT
SC Opted Out (Demand Side)	HENKEL CORPORATION	4/6/10	GREENVILLE	SC	OPT
SC Opted Out (Demand Side)	HENKEL CORPORATION	4/6/10	GREENVILLE	SC	I
SC Opted Out (Demand Side)	HENKEL CORPORATION	4/6/10	GREENVILLE	SC	I
SC Opted Out (Demand Side)	HENKEL CORPORATION	4/6/10	GREENVILLE	SC	I
SC Opted Out (Demand Side)	HENKEL CORPORATION	3/31/10	ENOREE	SC	OPT
SC Opted Out (Demand Side)	HENKEL CORPORATION	4/6/10	GREENVILLE	SC	I
SC Opted Out (Demand Side)	HONEYWELL INTERNATIONAL INC	3/17/10	GREER	SC	OPT
SC Opted Out (Demand Side)	HONEYWELL INTERNATIONAL INC	3/9/10	DUNCAN	SC	OPT
SC Opted Out (Demand Side)	SHAW INDUSTRIES INC	2/23/10	CLINTON	SC	I
SC Opted Out (Demand Side)	SHAW INDUSTRIES INC	2/23/10	CLINTON	SC	I
SC Opted Out (Demand Side)	SHAW INDUSTRIES INC	2/23/10	CENTRAL	SC	OPT
SC Opted Out (Demand Side)	SHAW INDUSTRIES INC	2/26/10	CENTRAL	SC	OPT
SC Opted Out (Demand Side)	SHAW INDUSTRIES INC	2/26/10	ANDERSON	SC	OPT

Duke Energy Carolinas  
Rider EE Vintage 2  
South Carolina Weighted Average Cost of Capital  
**South Carolina Opt Out Vintage 1\***

EE Opt Out Description	Customer	EE Opt Out Date	Premise City	Premise State	Rate Schedule
SC EE Opt Out (Conservation and Demand Side)	CHEMTRADE LOGISTICS INC	3/29/10	CARLISLE	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	COGNIS CORPORATION	3/26/10	MAULDIN	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	COGNIS CORPORATION	3/26/10	MAULDIN	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	COGNIS CORPORATION	3/26/10	MAULDIN	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	SCHAEFFLER GROUP USA, INC	3/29/10	SPARTANBURG	SC	OPT
SC Opted Out (Demand Side)	SCHAEFFLER GROUP USA, INC	3/26/10	FORT MILL	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	AFL TELECOMMUNICATIONS LLC	4/1/10	DUNCAN	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	AFL TELECOMMUNICATIONS LLC	4/1/10	DUNCAN	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	AFL TELECOMMUNICATIONS LLC	4/1/10	WOODRUFF	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	STANKIEWICZ INTERNATIONAL	4/6/10	SPARTANBURG	SC	OPT
SC Opted Out (Demand Side)	AFL TELECOMMUNICATIONS LLC	4/1/10	DUNCAN	SC	OPT
SC Opted Out (Demand Side)	AFL TELECOMMUNICATIONS LLC	4/1/10	DUNCAN	SC	OPT
SC Opted Out (Demand Side)	ILJIN AMERICA, LLC	3/26/10	GREER	SC	OPT
SC Opted Out (Demand Side)	ILJIN AMERICA, LLC	3/26/10	GREER	SC	I
SC Opted Out (Demand Side)	ILJIN AMERICA, LLC	3/26/10	GREER	SC	OPT
SC Opted Out (Demand Side)	NUTRA MANUFACTURING, INC	3/26/10	GREENVILLE	SC	OPT
SC Opted Out (Demand Side)	NUTRA MANUFACTURING, INC	3/26/10	ANDERSON	SC	OPT
SC Opted Out (Demand Side)	GAF	3/26/10	CHESTER	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	KOSA	2/18/10	SPARTANBURG	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	KOSA	2/18/10	SPARTANBURG	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	MERITOR HEAVY VEC SYS	2/22/10	YORK	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	MITSUBISHI POLYESTER FILM	3/8/10	GREER	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	MITSUBISHI POLYESTER FILM	3/8/10	GREER	SC	HPX
SC EE Opt Out (Conservation and Demand Side)	MITSUBISHI POLYESTER FILM	3/8/10	GREER	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	MITSUBISHI POLYESTER FILM	3/8/10	GREER	SC	I
SC EE Opt Out (Conservation and Demand Side)	OWENS CORNING	3/9/10	CHESTER	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	OWENS CORNING	3/8/10	STARR	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	SEALED AIR CORP	2/12/10	DUNCAN	SC	I
SC EE Opt Out (Conservation and Demand Side)	SEALED AIR CORP	2/12/10	DUNCAN	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	SEALED AIR CORP	2/12/10	DUNCAN	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	SEALED AIR CORP	2/12/10	SENECA	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	SEALED AIR CORP	2/12/10	DUNCAN	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	SEALED AIR CORP	2/12/10	SIMPSONVILLE	SC	HPX
SC EE Opt Out (Conservation and Demand Side)	SEALED AIR CORP	2/12/10	DUNCAN	SC	HPX
SC EE Opt Out (Conservation and Demand Side)	SEALED AIR CORP	2/12/10	DUNCAN	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	SEALED AIR CORP	2/12/10	SIMPSONVILLE	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	U S CORRUGATED INC	2/5/10	COWPENS	SC	HPX
SC Opted Out (Conservation)	U S CORRUGATED INC	2/5/10	COWPENS	SC	OPT
SC Opted Out (Demand Side)	CYTEC CARBON FIBERS	2/19/10	PIEDMONT	SC	OPT
SC Opted Out (Demand Side)	CYTEC CARBON FIBERS	2/19/10	ROCK HILL	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	THE TIMKEN COMPANY	3/22/10	GAFFNEY	SC	OPT
SC EE Opt Out (Conservation and Demand Side)	THE TIMKEN COMPANY	4/1/10	HONEA PATH	SC	OPT
SC Opted Out (Demand Side)	FREIGHTLINER CORP	3/29/10	GAFFNEY	SC	OPT
SC Opted Out (Demand Side)	FREIGHTLINER CORP	3/29/10	GAFFNEY	SC	OPT
SC Opted Out (Demand Side)	FREIGHTLINER CORP	3/29/10	GAFFNEY	SC	OPT
SC Opted Out (Demand Side)	THE TIMKEN COMPANY	4/1/10	HONEA PATH	SC	MP
SC Opted Out (Demand Side)	THE TIMKEN COMPANY	3/26/10	UNION	SC	MP
SC EE Opt Out (Conservation and Demand Side)	K M FABRICS	3/3/10	GREENVILLE	SC	HPX
SC EE Opt Out (Conservation and Demand Side)	MARSHANE CORPORATION	4/1/10	ANDERSON	SC	I
SC EE Opt Out (Conservation and Demand Side)	MARSHANE CORPORATION	4/1/10	ANDERSON	SC	I
SC Opted Out (Conservation)	SAGE AUTOMOTIVE	3/26/10	ABBEVILLE	SC	OPT
SC Opted Out (Conservation)	SAGE AUTOMOTIVE	3/26/10	ABBEVILLE	SC	OPT
SC Opted Out (Conservation)	SAGE AUTOMOTIVE	3/26/10	SPARTANBURG	SC	OPT
SC Opted Out (Demand Side)		3/26/10	PICKENS	SC	OPT
SC Opted Out (Demand Side)		3/26/10	PICKENS	SC	OPT
SC Opted Out (Demand Side)	LEAR SEATING CORPORATION	3/22/10	DUNCAN	SC	I
SC Opted Out (Demand Side)	POLYDECK SCREEN CORP	3/29/10	SPARTANBURG	SC	OPT
SC Opted Out (Demand Side)	POLYDECK SCREEN CORP	3/29/10	SPARTANBURG	SC	OPT

\* Enrollment period for Vintage 2 has not been completed. Will use results from Vintage 1 as a proxy of opt out results in Vintage 2

SC Opted Out (Demand Side)	1,290,630,805	kWh Sales
SC EE Opt Out (Conservation and Demand Side)	3,682,773,988	kWh Sales
SC Opted Out (Conservation)	547,396,565	kWh Sales
	5,520,801,358	Total kWh Sales

Duke Energy Carolinas, LLC

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 Superseding South Carolina Original Leaf No. 62

RIDER EE (SC)  
 ENERGY EFFICIENCY RIDER

APPLICABILITY (South Carolina Only)

Service supplied under the Company's rate schedules is subject to approved energy efficiency adjustments over or under the Rate set forth in the approved rate schedules for energy efficiency programs approved by the Public Service Commission of South Carolina (PSCSC).

GENERAL PROVISIONS

This Rider will recover the cost of Duke Energy Carolinas' Save-a-Watt ("SAW") energy efficiency and demand-side management programs, using the method approved by the PSCSC, for programs implemented over a 4 year period (*i.e.*, comprising four 12-month program years or "Vintage Years"). In each year this Rider will include components to recover revenue requirements related to demand-side management and energy efficiency programs implemented in that vintage, as well as lost revenues resulting from the energy efficiency programs. Lost revenues associated with each vintage will be recovered for 36 months upon implementation. As a result the Rider will continue beyond the 4 year period to fully recover lost revenues for programs in years 3 and 4.

Revenue requirements for SAW demand-side management programs will be determined on a system basis and allocated to South Carolina retail customers based on the class contribution to system retail peak demand. Revenue requirements for SAW energy efficiency programs will be determined on a system basis and allocated to all South Carolina retail customer classes based on SC retail contribution to system retail sales. Residential customers will pay for the allocated cost of residential programs; non-residential customers will pay for the allocated cost of non-residential programs.

The Rider will recover the cost of Duke Energy Carolinas' Interruptible Service and Stand-By Generator programs ("Existing DSM Programs") based on the cost of bill credits and amounts paid to customers participating on these programs ("Program Costs"). Revenue requirements will be determined on a system basis and allocated to SC retail customer classes based on the class contribution to system peak demand.

All allocation factors will be based on the Company's cost of service study and will exclude the amounts related to customers that elect to opt out of this Rider.

TRUE-UP PROVISIONS

Rider amounts for SAW programs will initially be determined based on estimated kW and kWh impacts related to expected customer participation in the programs, and will be true-up as actual customer participation and actual kw and kwh impacts are verified.

Participation true-ups: After the first year, the Rider will include a true-up of previous Rider amounts billed to reflect actual customer participation in the programs.

Measurement and verification true-up: EM&V activities and results will be included in a mid-term EM&V-based true-up process that will be reflected in Vintage Year 3 Rider EE collections. A final EM&V true-up reflected in Vintage Year 6 Rider EE collections will incorporate all EM&V studies completed since the mid-term EM&V true-up. EM&V results will include measure-level savings adjustments and net-to-gross analysis. In addition, the mid-term and final true-ups will incorporate the most recent EM&V results in the avoided cost true-up, the lost revenue true-up, and the earnings cap true-up.

Earnings cap true-up: In the sixth year a true up will be billed, if applicable, to refund amounts collected through the Rider in excess of the earnings cap, in accordance with the following levels of achievement and allowed return on investment.

<u>Percentage Actual Target Achievement</u>	<u>Return on Investment Cap on Program Costs Percentage</u>
>=90%	15%
80% to 89%	12%
60% to 79%	9%
< 60%	5%

Rider amounts for Existing DSM Programs initially will be estimated program costs for the calendar year and will be true-up to actual a subsequent rider.

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DETERMINATION OF ENERGY EFFICIENCY RIDER ADJUSTMENT

Energy Efficiency Adjustments (EEA) will be applied to the energy (kilowatt hours) billed of all rate schedules for each vintage as determined by the following formula:

EEA Residential (expressed as cents per kwh ) = SAW Residential Adjustment + Existing DSM Residential Adjustment

SAW Residential Adjustment = Residential Avoided Cost Revenue Requirement + Residential Lost Revenues / Forecasted Residential kWh Sales for the Rider billing period

Where

Residential Avoided Cost Revenue Requirement = (Residential Demand Side Management Program Avoided Cost Revenue Requirement X 75%) + (Residential Energy Efficiency Program Avoided Cost Revenue Requirement X 55%)

And

Existing DSM Residential Adjustment = Non-SAW Residential Program Costs / Forecasted Residential kWh Sales for the Rider billing period

EEA Non-residential (expressed as cents per kwh ) = SAW Non-residential Adjustment + Existing DSM Non-residential Adjustment

SAW Non-residential Adjustment = Non-residential Avoided Cost Revenue Requirement + Non-residential Lost Revenues / Forecasted Non-residential kWh Sales (excluding opt out sales) for the Rider billing period

Where

Non-residential Avoided Cost Revenue Requirement = (Non-residential Demand Side Management Program Avoided Cost Revenue Requirement X 75%) + (Non-residential Energy Efficiency Program Avoided Cost Revenue Requirement X 55%)

And

Existing DSM Non-residential Adjustment = Non-SAW Non-residential Program Costs / Forecasted Non-residential kWh Sales (excluding opt out sales) for the Rider billing period

ENERGY EFFICIENCY RIDER ADJUSTMENTS (EEA)

As a result of the Commission's Order No. 2010 in Docket No. 2010 -E, the EEA applicable to the residential and nonresidential rate schedules for the period January 1, 2011 through December 31, 2011, including revenue-related taxes and utility assessments, are as follows:

<u>Residential</u>	0.2697¢ per kWh
<u>Nonresidential</u>	
Vintage 1	0.0011¢ per kWh
Vintage 2	
Energy Efficiency	0.0401 ¢ per kWh
Demand Side Management	0.0596 ¢ per kWh

Each factor listed under Non-residential is applicable to non-residential customers who are not eligible to opt out and to eligible customer who have not opted out. If a nonresidential customer has opted out of a Vintage(s), then the charge(s) shown above for the Vintage(s) during which the customer has opted out, will not apply to the bill.

OPT OUT PROVISION FOR QUALIFYING MANUFACTURING CUSTOMERS

The Nonresidential EEA increment applicable to energy efficiency programs and/or demand-side management programs will not be applied to the energy billed to the Customer under the applicable nonresidential rate schedule for Customers qualified to opt out of the programs where:

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- a. The Customer attests or certifies to the Company that it has performed or had performed for it an energy audit or analysis within the three year period preceding the opt out request and has implemented or has plans for implementing the cost-effective energy efficiency measures recommended in that audit or analysis; and
- b. The Customer is served under an electric service agreement where the establishment is classified as a “manufacturing industry” by the Standard Industrial Classification Manual published by the United States Government, and where more than 50% of the electric energy consumption of such establishment is used for its manufacturing processes.

For Customers who elect to opt out of Energy Efficiency Programs, the following provisions also apply:

- Qualifying customers may opt out of the Company’s energy efficiency programs each calendar year only during an annual two month enrollment period beginning January 1 and concluding March 1.
- Customers may not opt out of individual energy efficiency programs offered by the Company. The choice to optout applies to the Company’s entire portfolio of energy efficiency programs.
- If a customer participates in any vintage of energy efficiency programs, the customer, irrespective of future opt-out decisions, remains obligated to pay the remaining portion of the lost revenues for each vintage of efficiency programs in which the customer participated.

For Customers who elect to opt out of Demand Side Management Programs, the following provisions also apply:

- Qualifying customers may make a one-time election for the 4 year plan to opt out of the Company’s demand-side management programs within 60 days after the effective date of new rates and charges approved by the PSCSC in Docket No. 2009-226-E.
- If a customer elects to participate in a demand-side management program, the customer may not subsequently choose to opt out of the program for the remaining term of the 4 year plan.